

FIG. 1

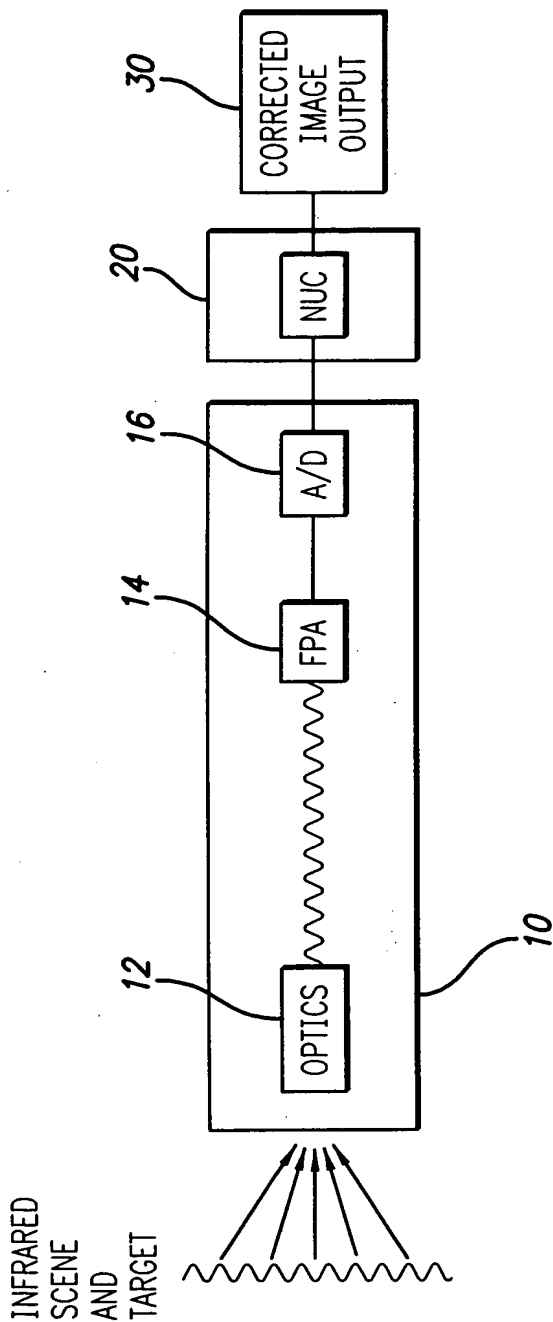


FIG. 2

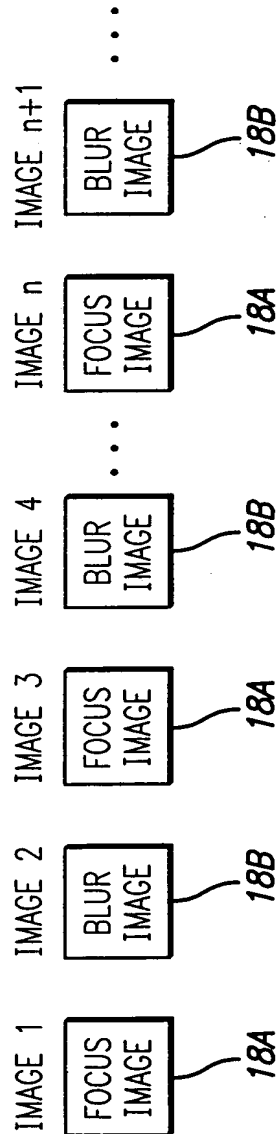


FIG. 3

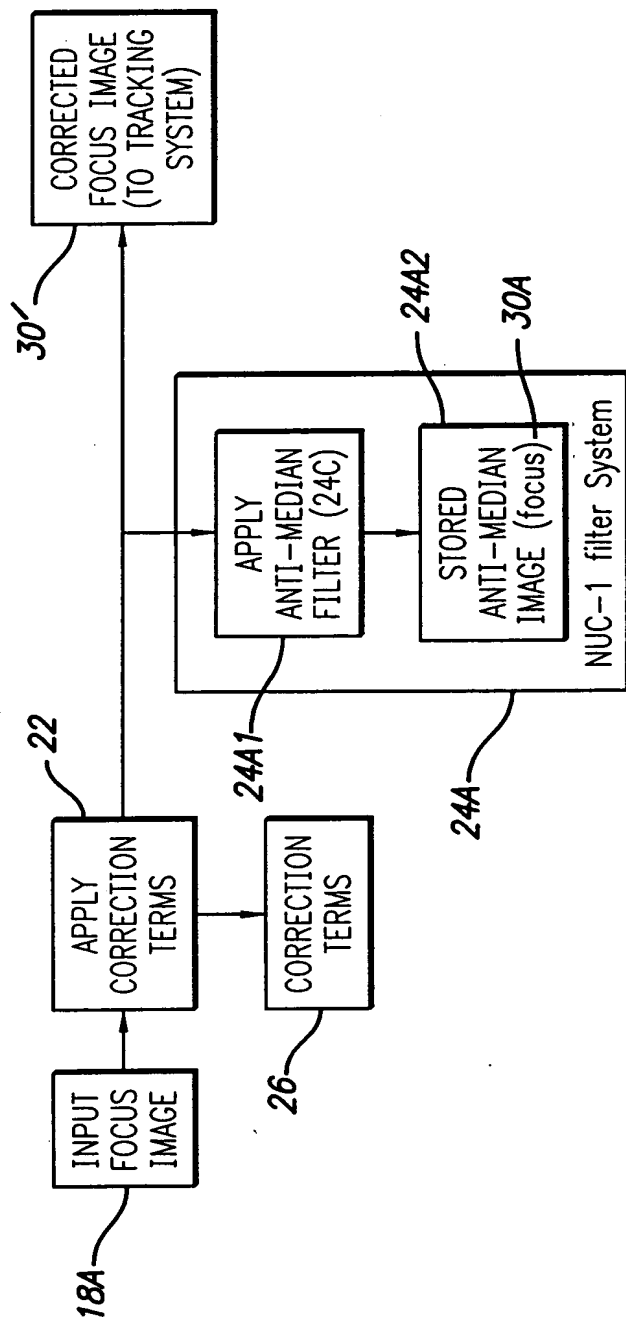
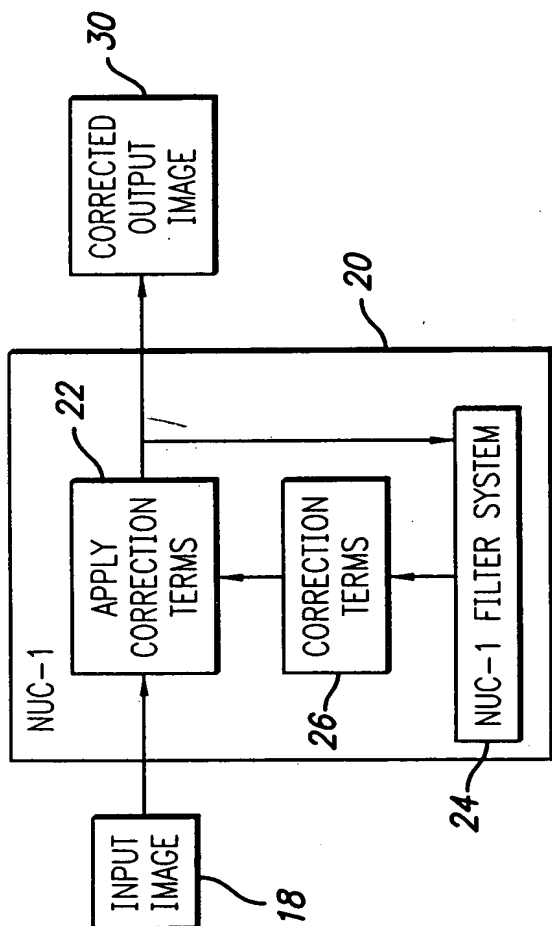


FIG. 4

FIG. 5

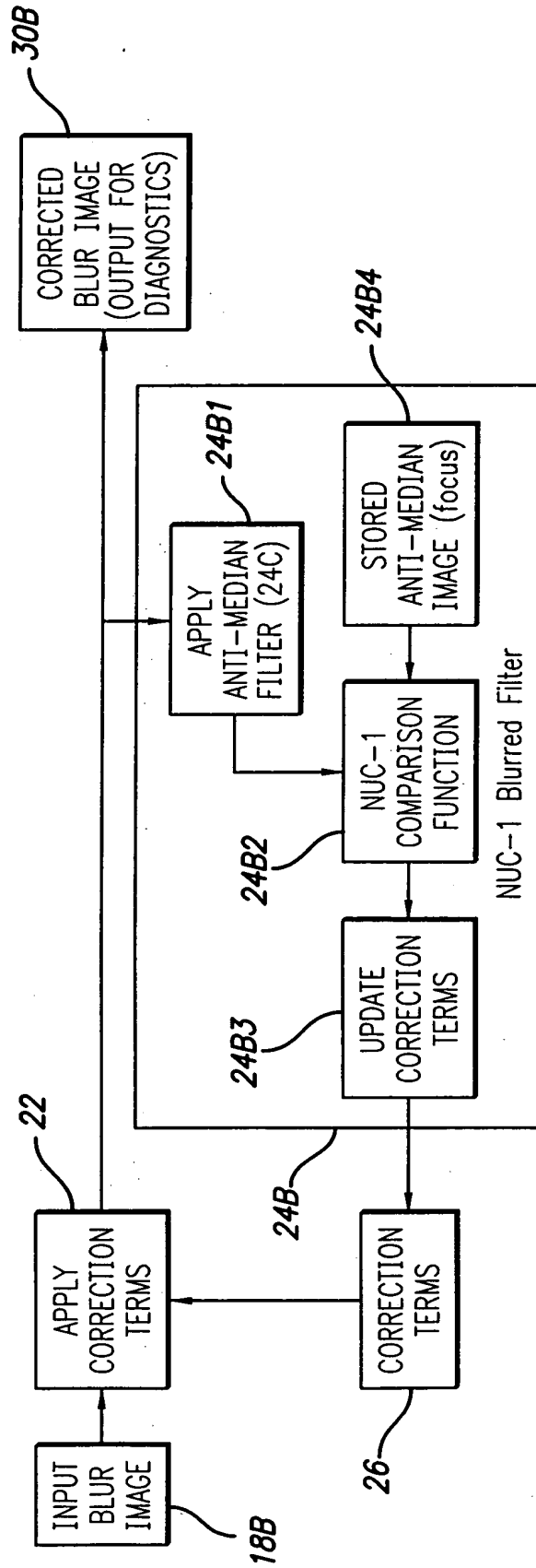


FIG. 6

4/15

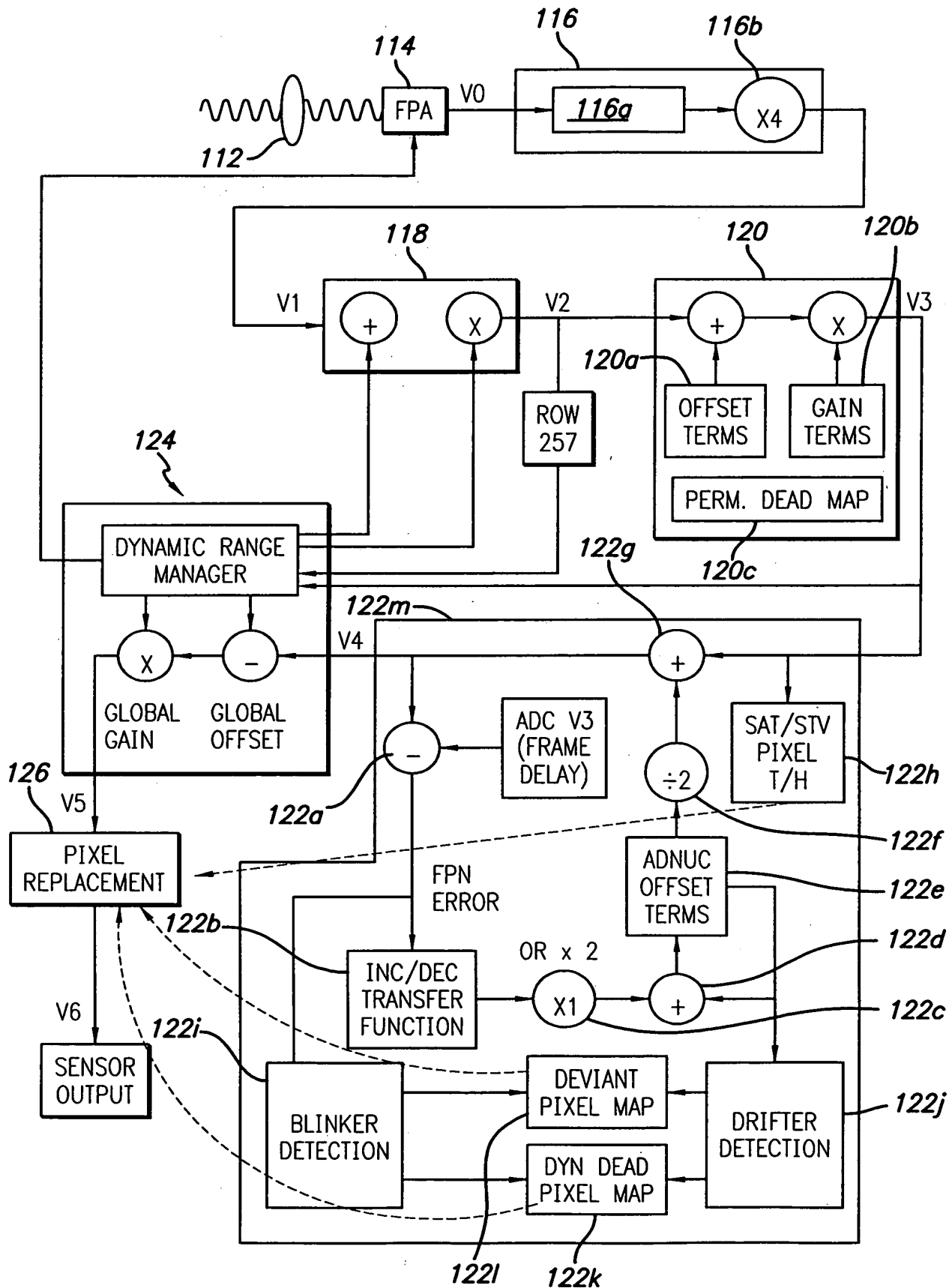


FIG. 7

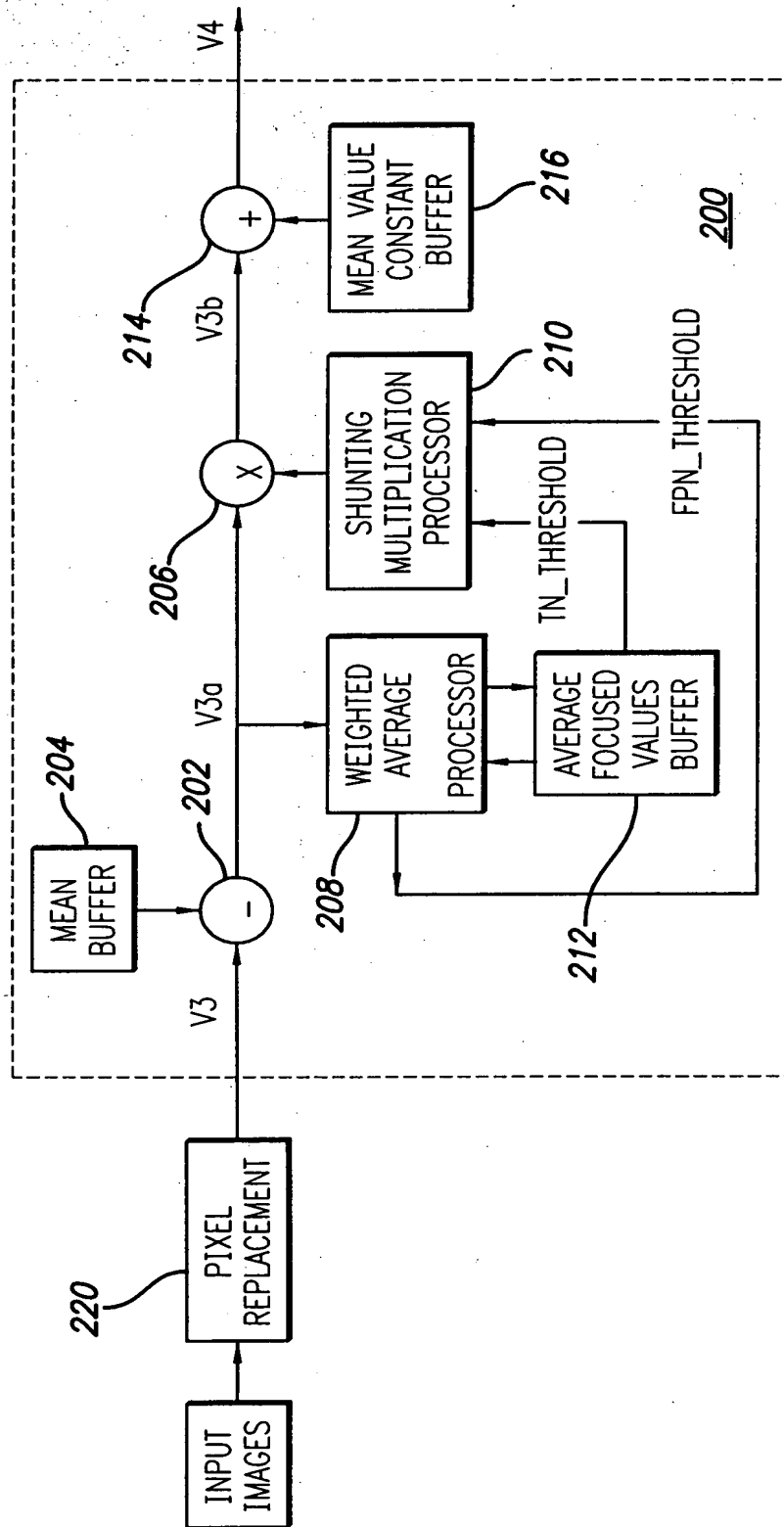
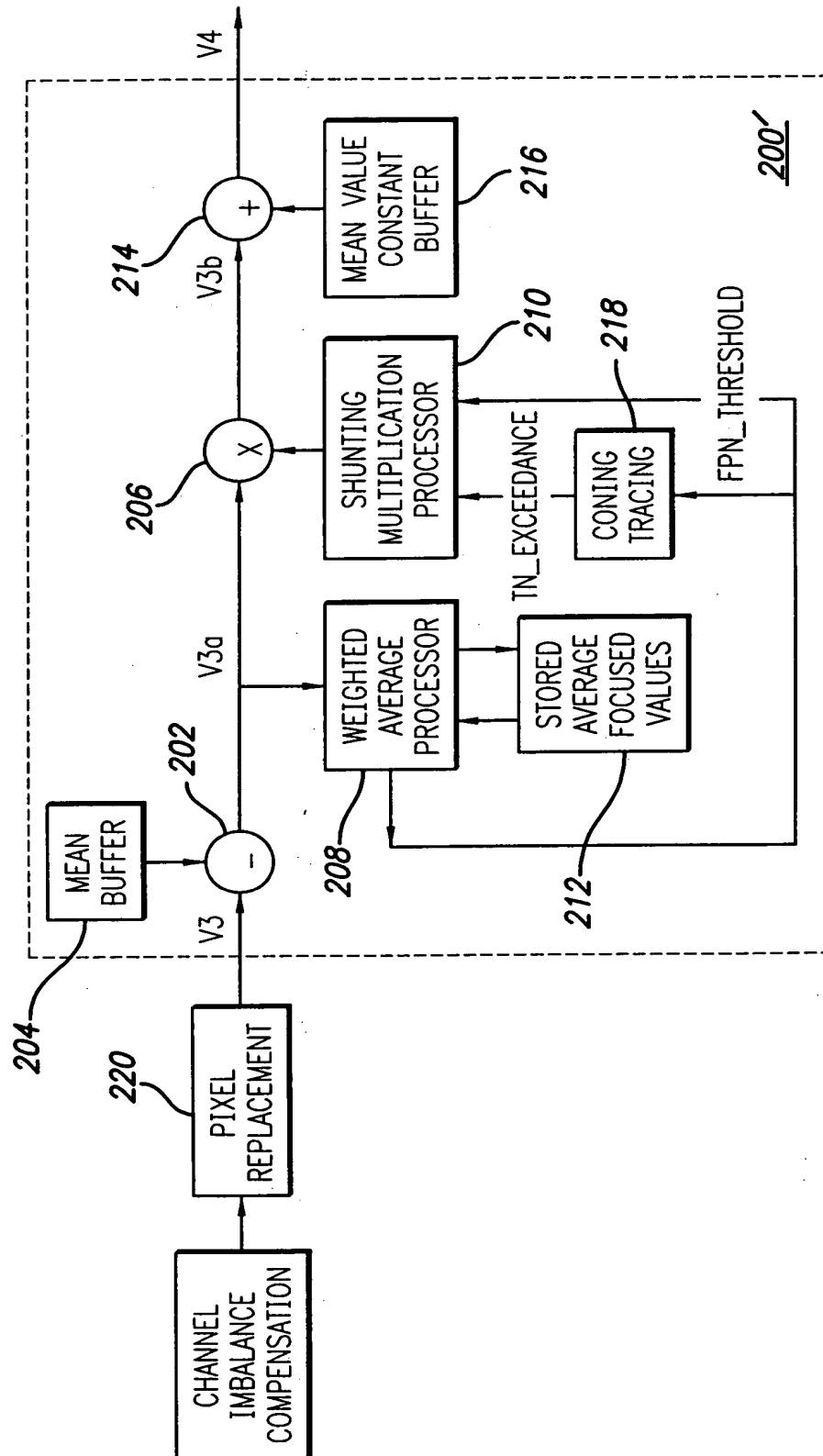


FIG. 8





REPLACEMENT PAGE

7/15

FIG. 9a

Frame 3

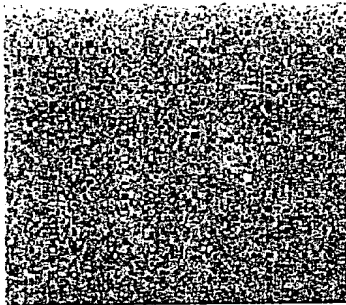
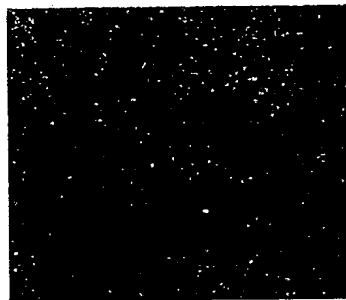
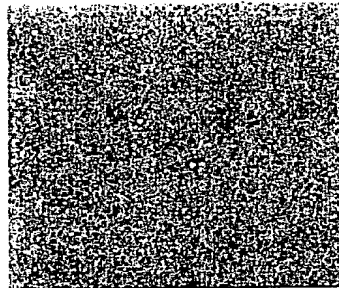


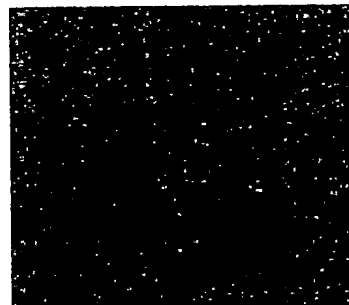
FIG. 9b

Frame 15



Frame 25

FIG. 9c



Frame 38

FIG. 9d



FIG. 10

8/15

LEAP DATA d_1tn
GEN 2 ADNUC
TRANS FUNC 1:1 AT 1st FRAME

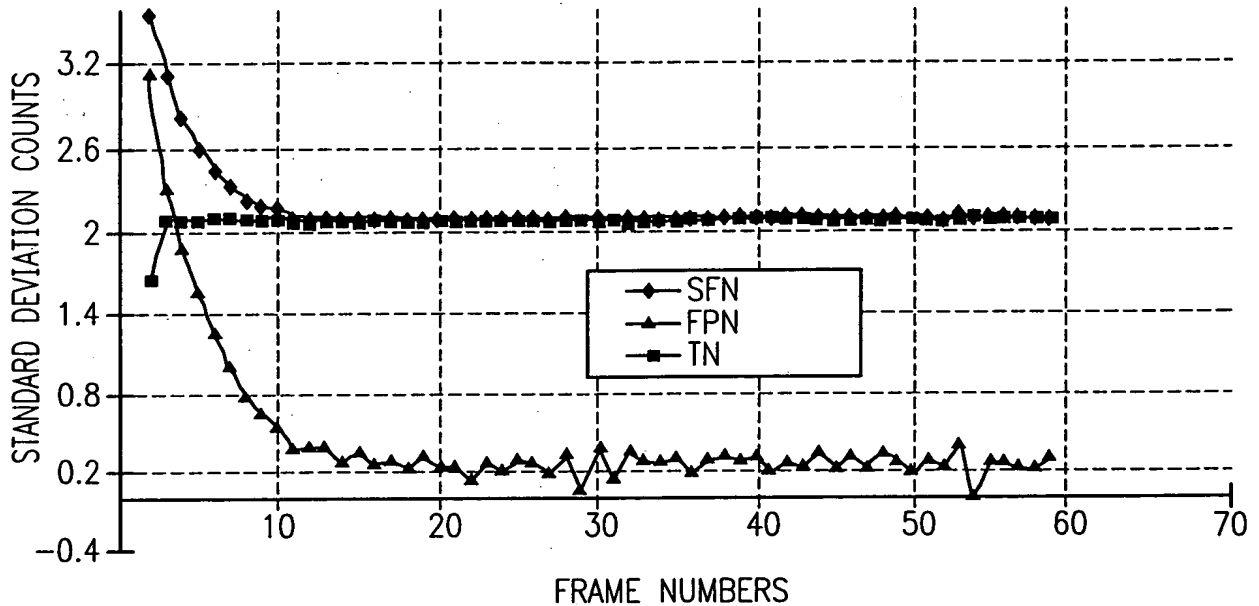
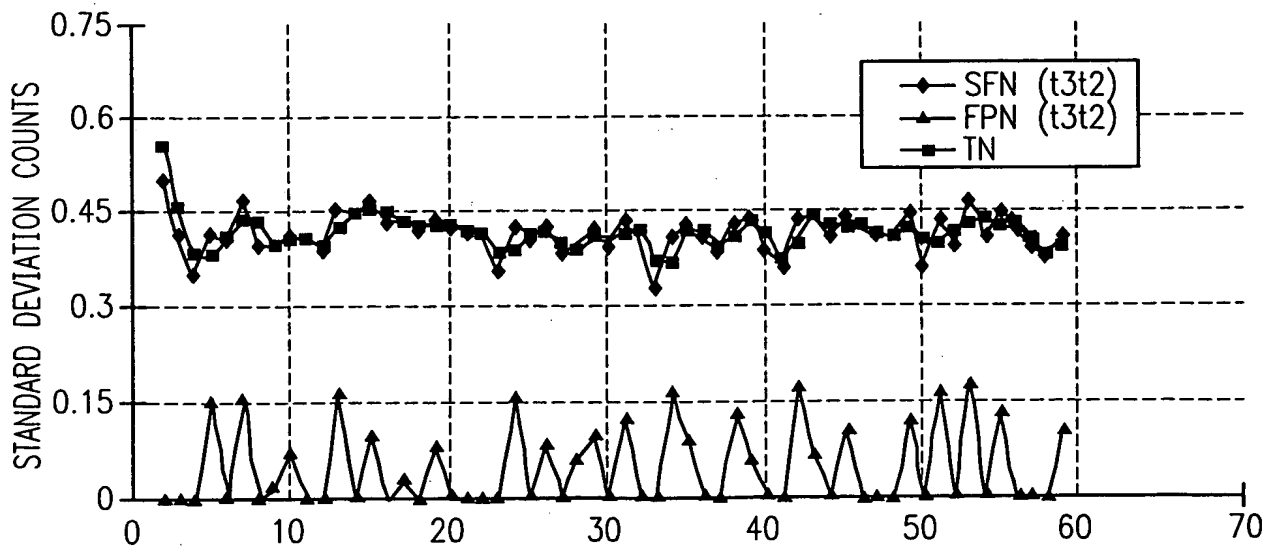


FIG. 11

LEAP DATA d_1tn
THRESHOLDS: FPN=3.0: TN=2.0
WEIGHTED AVERAGE: 2'S POWER FOR BOTH FPN AND TN





REPLACEMENT PAGE

9/15

FIG. 12

PEAK SNR FOR LEAP DATA d_1tn
FOR BOTH SHUNTING: FPN_THRES = 3.0; TN_THRES = 2.0
FOR CONING 3 X 3: FPN_THRES = 1.0; TN_EXCEEDANCE = 85
WEIGHTED AVERAGE: 2'S POWER FOR BOTH FPN AND TN
REGULAR AVERAGE FOR CONING

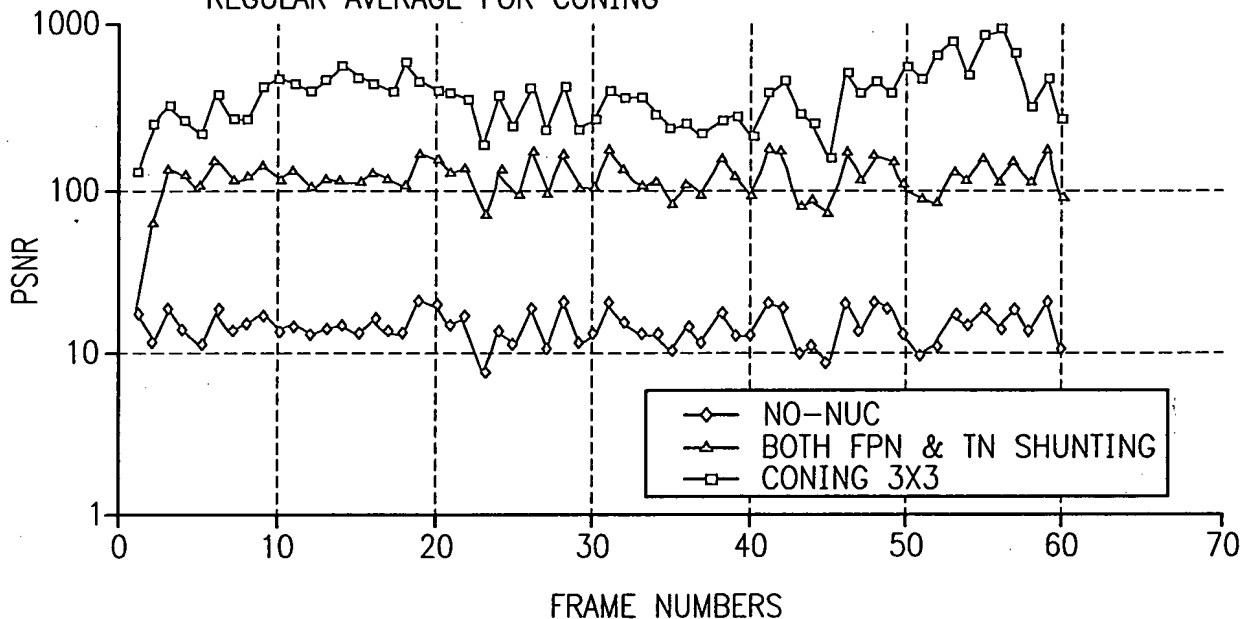


FIG. 13

PEAK SNR FOR LEAP DATA d_2tn
FOR FPN SHUNTING: FPN_THRES = 3.0;
FOR CONING 3 X 3: FPN_THRES = 1.0; TN_EXCEEDANCE = 85
WEIGHTED AVERAGE: 2'S POWER FOR FPN_THRES
REGULAR AVERAGE FOR CONING

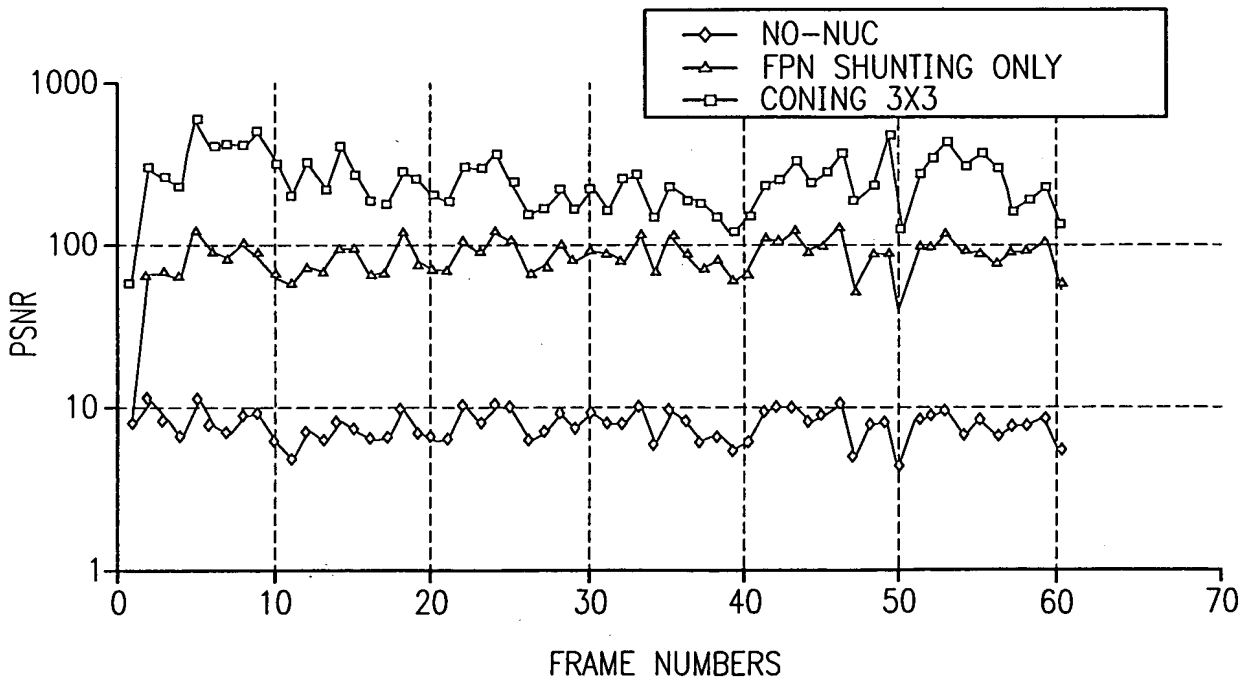
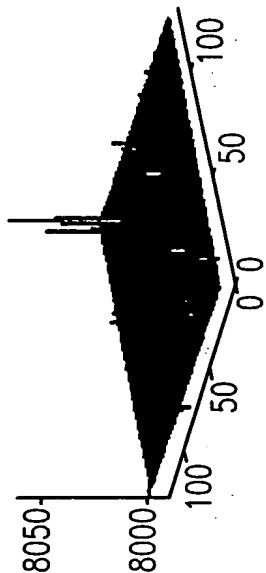


FIG. 14B

Thres: FPN=3. TN=2: IMAGE # 38



INPUT IMAGE # 40

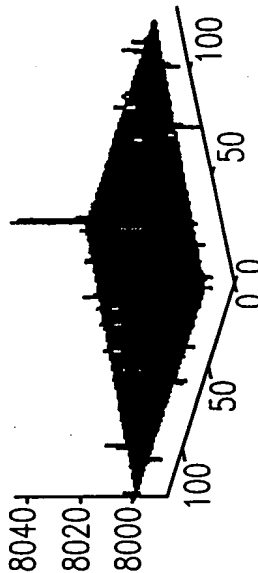
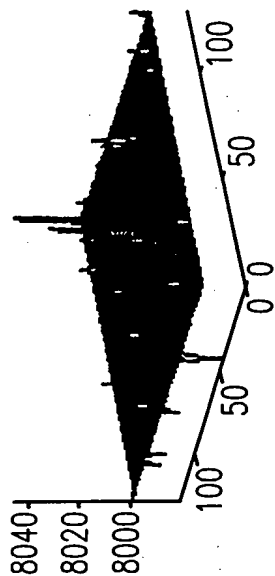


FIG. 14D

FIG. 14A

$\sigma_1 \sim 13$: IMAGE # 37



INPUT IMAGE # 39

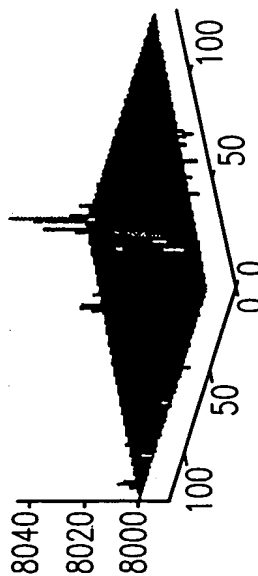


FIG. 14C

FIG. 15

LEAP DATA d_1tn
THRESHOLDS: FPN = 1.0; TN_EXCEEDANCE = 85
WEIGHTED AVERAGE: 2'S POWER FOR FPN_THRES
REGULAR AVERAGE FOR CONING 3 X 3

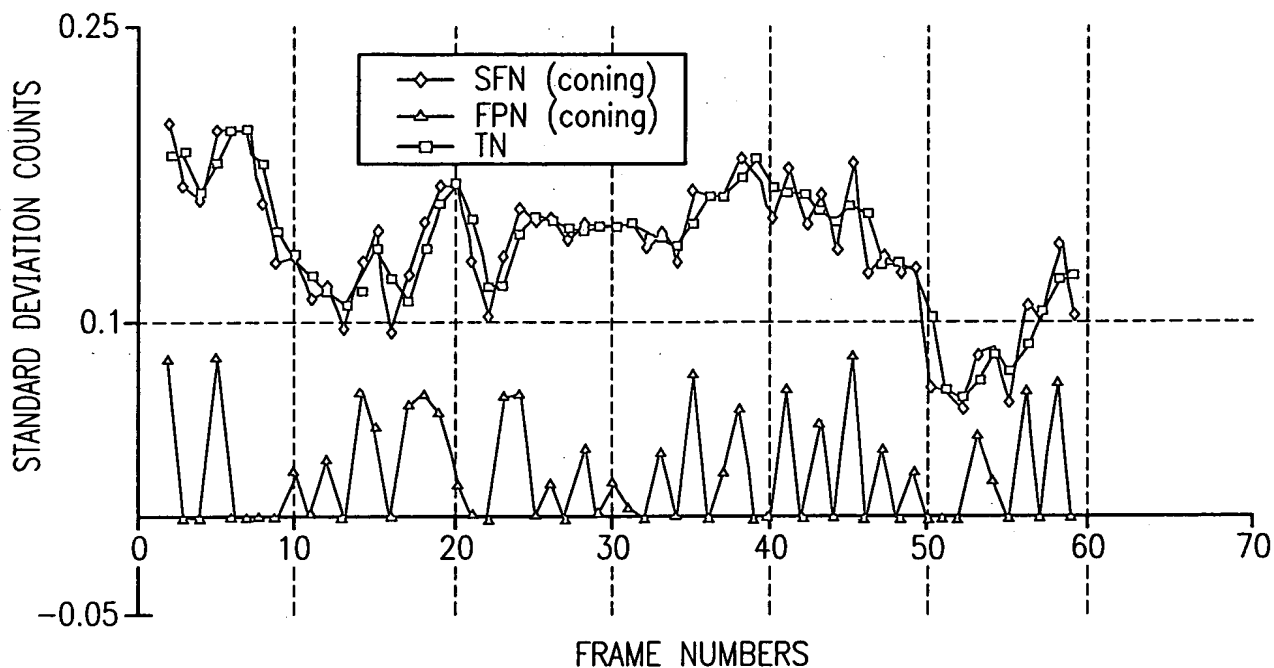


FIG. 18

LEAP DATA d_2tn
THRESHOLDS: FPN = 1.0; TN_EXCEEDANCE = 85
WEIGHTED AVERAGE: 2'S POWER FOR FPN_THRES
REGULAR AVERAGE FOR CONING 3 X 3

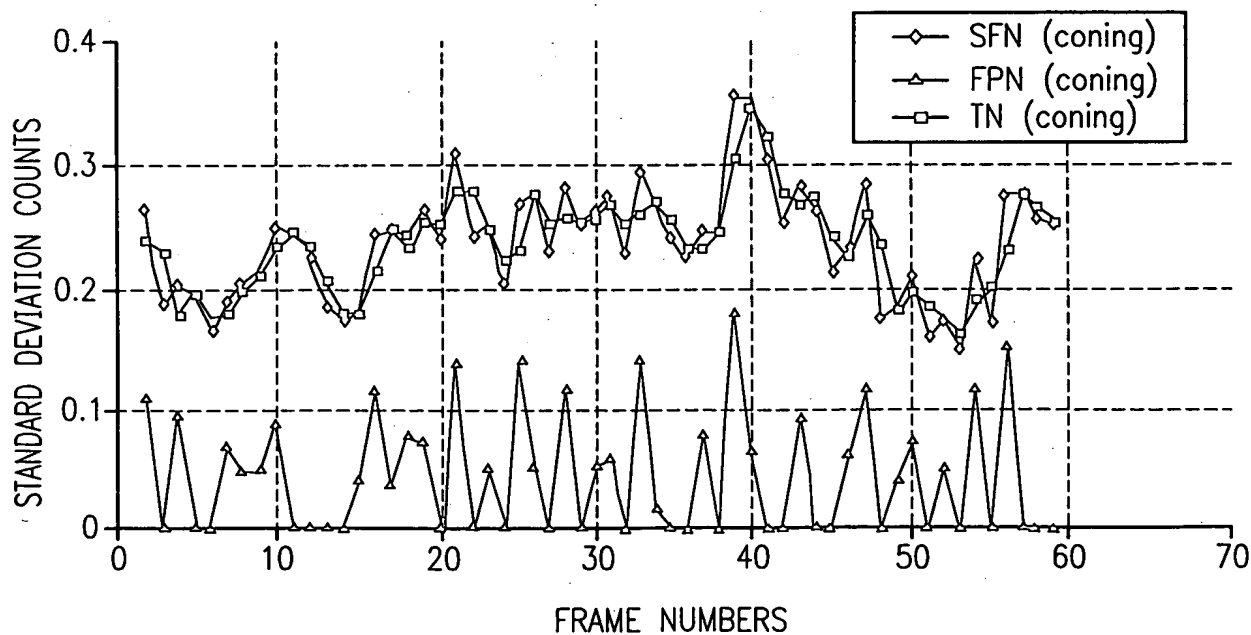
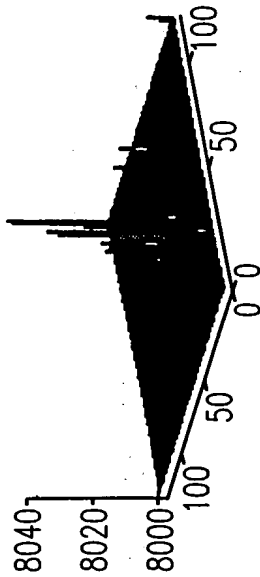


FIG. 16a

a1tn_13: CONING 3 X 3: IMAGE # 37



INPUT IMAGE # 39

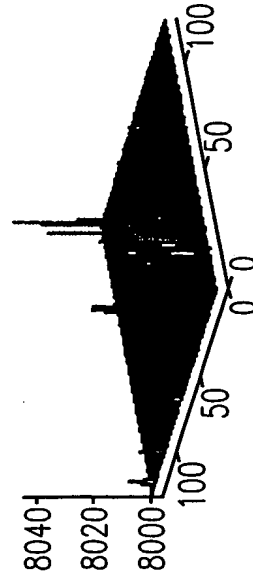
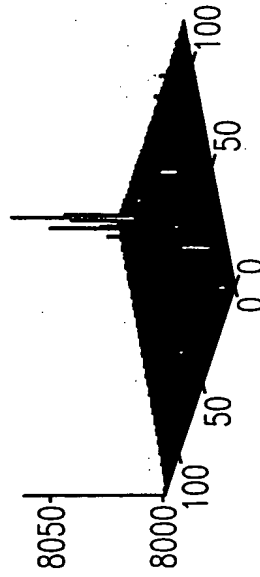


FIG. 16c

FIG. 16b

THRES_FPN=1: EXCEED_TN=85: IMAGE # 3



INPUT IMAGE # 40

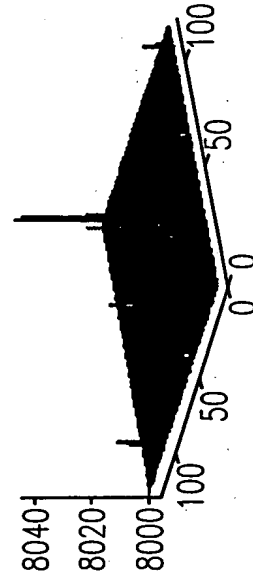


FIG. 16d

FIG. 17a

c1t13: CONING 3 X 3: IMAGE # 38

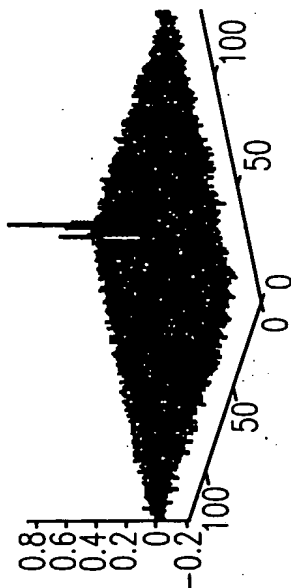
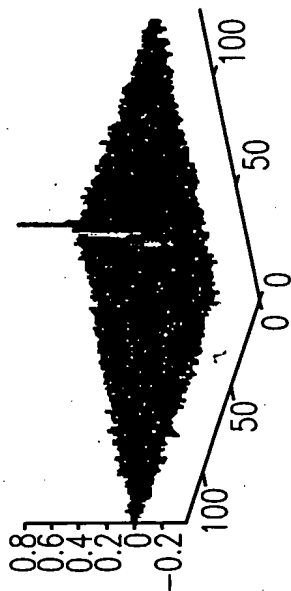
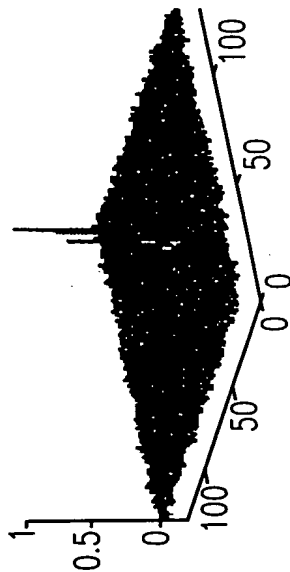


FIG. 17b

REGULAR AVERAGE: IMAGE # 42



INPUT IMAGE # 46



INPUT IMAGE # 50

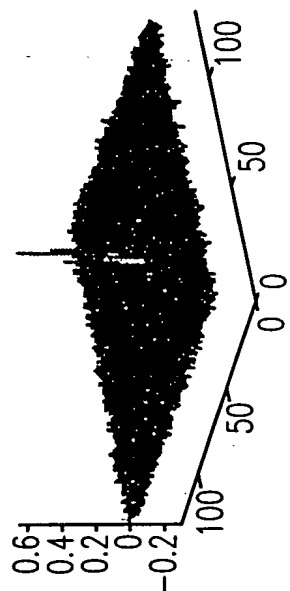


FIG. 17c

FIG. 17d

FIG. 19a

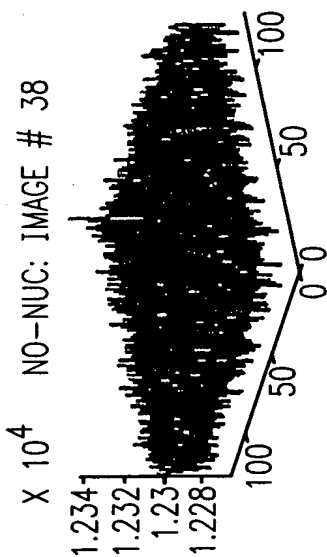
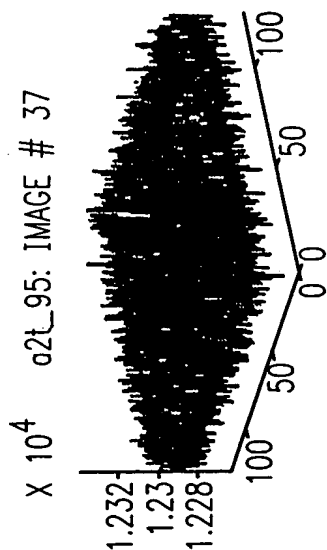


FIG. 19b

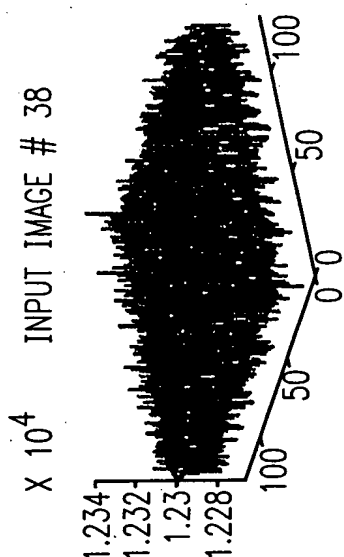
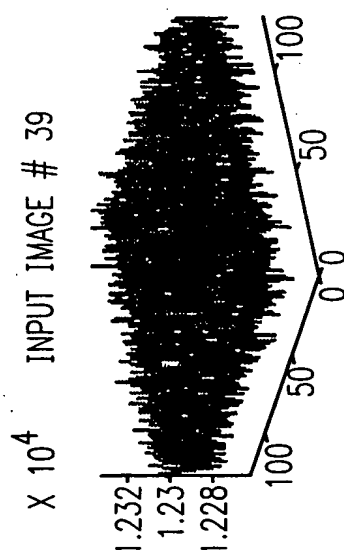
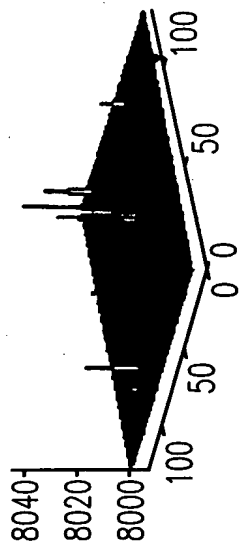


FIG. 19c

FIG. 19d

FIG. 20a

o2L_95: CONING 3 X 3: IMAGE # 37



INPUT IMAGE # 39

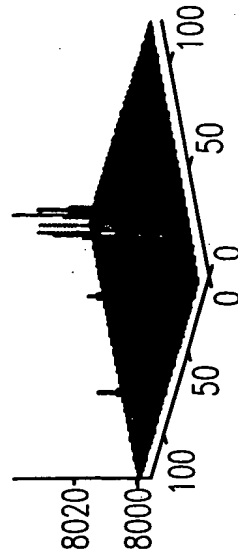
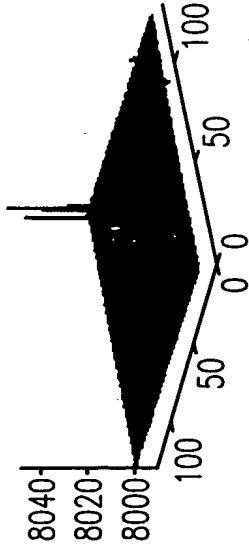


FIG. 20c

FIG. 20b

THRES_FPN=1: EXCEED_TN=85: IMAGE # 3



INPUT IMAGE # 40

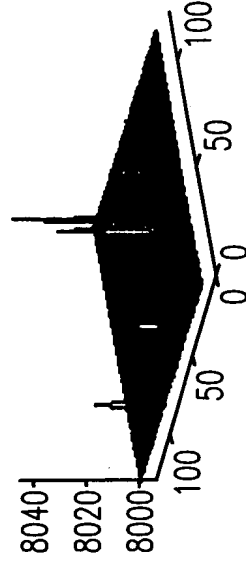


FIG. 20d